



VEENSTRA & KIMM, INC.

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July 29, 2009

Daniel Pritchard
City of Des Moines
Public Works Department
3000 Vandalia Road
Des Moines, Iowa 50317

DES MOINES, IOWA
DEANS LAKE OUTLET STORM SEWER - PHASE 2
ESTIMATE OF COST

In response to your recent request, this letter is to provide an updated estimate of cost for the Deans Lake Outlet Storm Sewer - Phase 2 project. Enclosed is a copy of the current estimate of cost for construction of the Deans Lake Outlet Storm Sewer - Phase 2 project. The total estimated construction cost is \$4,716,085.

A summary of the projected costs related to construction of the project is:

Estimated Construction Cost	\$4,716,085
Construction Contingency	96,504
Engineering Services During Construction	287,411

For planning purposes the projected cost for construction related activities for the Deans Lake Outlet Storm Sewer - Phase 2 project is \$5,100,000.

If you have any questions or comments concerning the project, please contact us at 225-8000.

VEENSTRA & KIMM, INC.

H. R. Veenstra Jr.

114327
Enclosure

DEAN'S LAKE - PHASE 2

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
1	CLEAR+GRUBB	ACRE	4	\$4,000.00	\$16,000.00
2	EXCAVATION, CL 10, WASTE	CY	12600	\$15.00	\$189,000.00
3	TOPSOIL, STRIP, SALVAGE+SPREAD	CY	2110	\$18.00	\$37,980.00
4	COMPACT BACKFILL ADJ TO STRUCT	CY	1540	\$6.00	\$9,240.00
5	GRANULAR MAT'L	TON	16500	\$28.00	\$462,000.00
6	MODIFIED SUBBASE	CY	475	\$40.00	\$19,000.00
7	PATCH, FULL-DEPTH REPAIR	SY	2302	\$70.00	\$161,140.00
8	PAV'T, SCARIFICATION	SY	2048	\$10.00	\$20,480.00
9	SURF, DRIVEWAY, CL A CR STONE	TON	254	\$25.00	\$6,350.00
10	EXCAVATION, CL 20	CY	320	\$15.00	\$4,800.00
11	PRECAST CONC BOX CULV, 8'X6'	LF	3225	\$700.00	\$2,257,500.00
12	SUBDRAIN, LONGITUDINAL, 4"	LF	642	\$14.00	\$8,988.00
13	SUBDRAIN OUTLET (RF-19C)	EACH	12	\$200.00	\$2,400.00
14	INTAKE, MODIFICATION	EACH	3	\$4,000.00	\$12,000.00
15	UTILITY ACCESS RA-49	EACH	7	\$4,500.00	\$31,500.00
16	RMV STORM SWR PIPE LE 36"	LF	136	\$18.00	\$2,448.00
17	RMV STORM SWR PIPE GT 36"	LF	36	\$25.00	\$900.00
18	FLOWABLE MORTAR	CY	40	\$100.00	\$4,000.00
19	REVTMENT, CLASS A	TON	60	\$40.00	\$2,400.00
20	RMVL OF PAV'T	SY	2452	\$7.00	\$17,164.00
21	RMVL OF INTAKE+UTILITY ACCESS	EACH	5	\$400.00	\$2,000.00
22	RMVL OF SIDEWALK	SY	46	\$5.00	\$230.00
23	SIDEWALK, PCC, 4"	SY	44	\$50.00	\$2,200.00
24	SIDEWALK, PCC, 6"	SY	338	\$55.00	\$18,590.00
25	DRIVEWAY, PCC, 6"	SY	137	\$55.00	\$7,535.00
26	RMVL OF PAVED DRIVEWAY	SY	122	\$7.00	\$854.00
27	SAFETY CLOSURE	EACH	12	\$600.00	\$7,200.00
28	FENCE, CHAIN LINK W/SECUR TOP, 72" HEIGHT	LF	181	\$200.00	\$36,200.00
29	RMVL OF CHAIN LINK FENCE	LF	339	\$5.00	\$1,695.00
30	FENCE, SAFETY	LF	2341	\$5.00	\$11,705.00
31	RMV+REINSTALL LIGHT POLE+LUMINAIRE	EACH	2	\$2,200.00	\$4,400.00
32	RMV+REINSTALL SIGN	EACH	8	\$250.00	\$2,000.00
33	CONSTRUCTION SURVEY	LS	1	\$50,000.00	\$50,000.00
34	PAINTED PAV'T MARK, WATERBORNE/SOLVENT	STA	1.53	\$100.00	\$153.00
35	TRAFFIC CONTROL	LS	1	\$60,000.00	\$60,000.00
36	FLAGGER	DAY	20	\$285.00	\$5,700.00
37	MOBILIZATION	LS	1	\$100,000.00	\$100,000.00
38	RMVL OF RAILROAD TRACK	TLF	518	\$25.00	\$12,950.00
39	FIRE HYDRANT ASSEMBLIES	EACH	1	\$3,500.00	\$3,500.00
40	WATER MAIN, DUCTILE IRON, 12"	LF	105	\$80.00	\$8,400.00
41	WATER MAIN, PVC, 12"	LF	721	\$30.00	\$21,630.00
42	WATER MAIN FITTING	LB	1589	\$7.00	\$11,123.00
43	WATER VALVE, GATE MECHANICAL JOINT, 8"	EACH	1	\$1,000.00	\$1,000.00
44	WATER VALVE, GATE MECHANICAL JOINT, 12"	EACH	1	\$1,800.00	\$1,800.00
45	1/2" TO 1" WATER SERVICE TRANSFER SAME SIDE O EACH		1	\$1,500.00	\$1,500.00
46	REPLACE 1/2"-1" WATER SERVICE FR STOP BOX TO I EACH		1	\$3,000.00	\$3,000.00
47	8" WATER MAIN RELOCATION #1 (8" E. DEAN AVE)	EACH	1	\$10,000.00	\$10,000.00

DEAN'S LAKE - PHASE 2

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
48	8" WATER MAIN RELOCATION #2 (8" E. WALNUT ST EACH		1	\$10,000.00	\$10,000.00
49	8" WATER MAIN RELOCATION #3 (8" CAPITAL AVE) EACH		1	\$10,000.00	\$10,000.00
50	8" WATER MAIN RELOCATION #4 (8" E. GRAND AVE EACH		1	\$10,000.00	\$10,000.00
51	CONNECT TO EXISTING STRUCTURE	EACH	1	\$75,000.00	\$75,000.00
52	TRANSITION STRUCTURE 7	EACH	1	\$100,000.00	\$100,000.00
53	TRANSITION STRUCTURE 11	EACH	1	\$80,000.00	\$80,000.00
54	TRANSITION STRUCTURE 17	EACH	1	\$40,000.00	\$40,000.00
55	STANDARD SEWER PLUG <=18"	EACH	3	\$300.00	\$900.00
56	INTAKE, SW-501	EACH	1	\$2,200.00	\$2,200.00
57	SWR, 2000D STORM, 90"	LF	348	\$1,000.00	\$348,000.00
58	SWR, STEEL JACKED, 90"	LF	234	\$1,200.00	\$280,800.00
59	FENCE, CHAIN LINK W/SECUR TOP, 96" HEIGHT	LF	158	\$45.00	\$7,110.00
60	FENCE, TEMP CHAIN LINK W/SECUR TOP, 72" HEIGHT	LF	725	\$40.00	\$29,000.00
61	SILT SOCK	LF	643	\$40.00	\$25,720.00
62	RMVL OF SILT SOCK	LF	643	\$5.00	\$3,215.00
63	FOUNDATION ROCK	TON	30	\$26.00	\$780.00
64	MULCH, WOOD CELLULOSE FIBER	ACRE	4	\$1,500.00	\$6,000.00
65	SEED+FERTILIZE (URBAN)	ACRE	4	\$1,300.00	\$5,200.00
66	SILT FENCE	LF	175	\$8.00	\$1,400.00
67	RMVL OF SILT FENCE	LF	175	\$0.60	\$105.00
68	RAILROAD FLAGGER	DAY	20	\$1,500.00	\$30,000.00
					<u>\$4,716,085.00</u>